

6756.3-2

PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Russell C. McKown ) Examiner: TBD  
)  
Serial No.: 10/796,596 )  
)  
Filed: March 9, 2004 ) Art Unit: 2631  
)  
For: Method and Apparatus for single )  
Burst Equalization of single )  
Carrier signals in Broadband )  
Wireless Access Systems )

## TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
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Dear Sir:

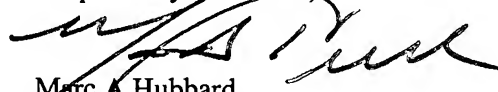
Pursuant to the duty of disclosure under 37 C.F.R. § 1.56, Applicant submits the attached Information Disclosure Statement. This submittal is being made in accordance with 37 C.F.R. §§ 1.97 and 1.98. Copies of publications on the attached Information Disclosure Citation are submitted herewith unless otherwise indicated. Copies of filed U.S. patents and patent applications are not enclosed.

Applicant respectfully requests, pursuant to 37 C.F.R. §§ 1.97 and 1.98, that the enclosed documents listed on the attached PTO/SB/08A and PTO/SB/08B forms, which are substituted for PTO/1449, be considered and cited in the examination of the above-identified application.

Furthermore, pursuant to 37 C.F.R. §§ 1.97(g) and (h), Applicant makes no representation that these documents qualify as prior art or that these documents are material to patentability of the present application or that a search has been made.

Applicant believes no fee is due. However, please charge any fees or credit any overpayments associated with this Information Disclosure Statement to Deposit Account No. 13-4900.

Respectfully submitted,

  
Marc A. Hubbard  
Reg. No. 32,509

Date: 29 Oct 2004  
MUNSCH HARDT KOPF & HARR, P.C.  
4000 Fountain Place  
1445 Ross Avenue  
Dallas, Texas 75202-2790  
Telephone: 214-855-7571  
Facsimile: 214-855-7584

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Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>		<b>Complete if Known</b>	
		Application Number	10/796,596
		Filing Date	March 9, 2004
		First Named Inventor	Russell C. McKown
		Art Unit	2631
		Examiner Name	TBD
Sheet 2	of 2	Attorney Docket Number 6756.3-2	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		Sirkiat Ariyavisitakul, Nelson R. Sollenberger, and Larry J. Greenstein, "Tap-Selectable Decision-Feedback Equalization," IEEE Trans. Comm. Vol. 45, No. 12, Dec. 1997; 4 pages.	
		Sirkiat Ariyavisitakul and Larry J. Greenstein, "Reduced-Complexity Equalization Techniques for Broadband Wireless Channels," IEEE J. Sel. Areas in Comm., Vol 15, No. 1, Jan 1997; 7 Pages.	
		Takayuki Nagayasu, S. Sampei, and Y. Kamio, "Complexity Reduction and Performance Improvement of Decision Feedback Equalizer for 16QAM in Land Mobile Communications," IEEE Trans. Veh. Tech., Vol. 44, No. 3, August 1995; 9 pages.	
		Gavin Young, "Reduced Complexity DFE for DSL," IEEE Sel. Areas Comm., Vol. 9, No. 6, August 1991; 7 pages.	
		N. Al-Dhahir, A. Sayed and J. Cioffie, "A High-Performance Cost-Effective Pole-Zero MMSE-DFE," Information Systems, Laboratory, Stanford University, about 1994; 10 pages.	

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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